



EXPLANATION

 **SL**  
STRIPPING-LIMIT LINE--  
Boundary for surface mining  
of the coal bed (in this  
quadrangle, the 200-foot-  
overburden isopach). Arrows  
point toward the area suit-  
able for surface mining.  
Recovery factor of 85 percent  
within that area in this  
quadrangle.

 **B**  
BOUNDARY OF RESERVE BASE  
COAL--Drawn along the outcrop  
of coal bed or the contact  
between burned and unburned  
coal where the coal bed is  
5 feet (1.5 m) or more thick,  
and the 5-foot coal isopach.  
Arrows point toward area of  
Reserve Base coal.

RB (Measured resources)  
RB (Indicated resources)  
RB (Inferred resources)

IDENTIFIED STRIPPABLE COAL  
RESOURCES--Showing totals  
for Reserve Base (RB) and  
Reserves (R), in millions of  
short tons, for each section  
or part(s) of section of  
Federal coal land within the  
stripping-limit line. Dash  
indicates no resources in  
that category. Reserve Base  
(RB) x the Recovery Factor  
(85 percent) = Reserves (R).  
Rounded to two significant  
figures.

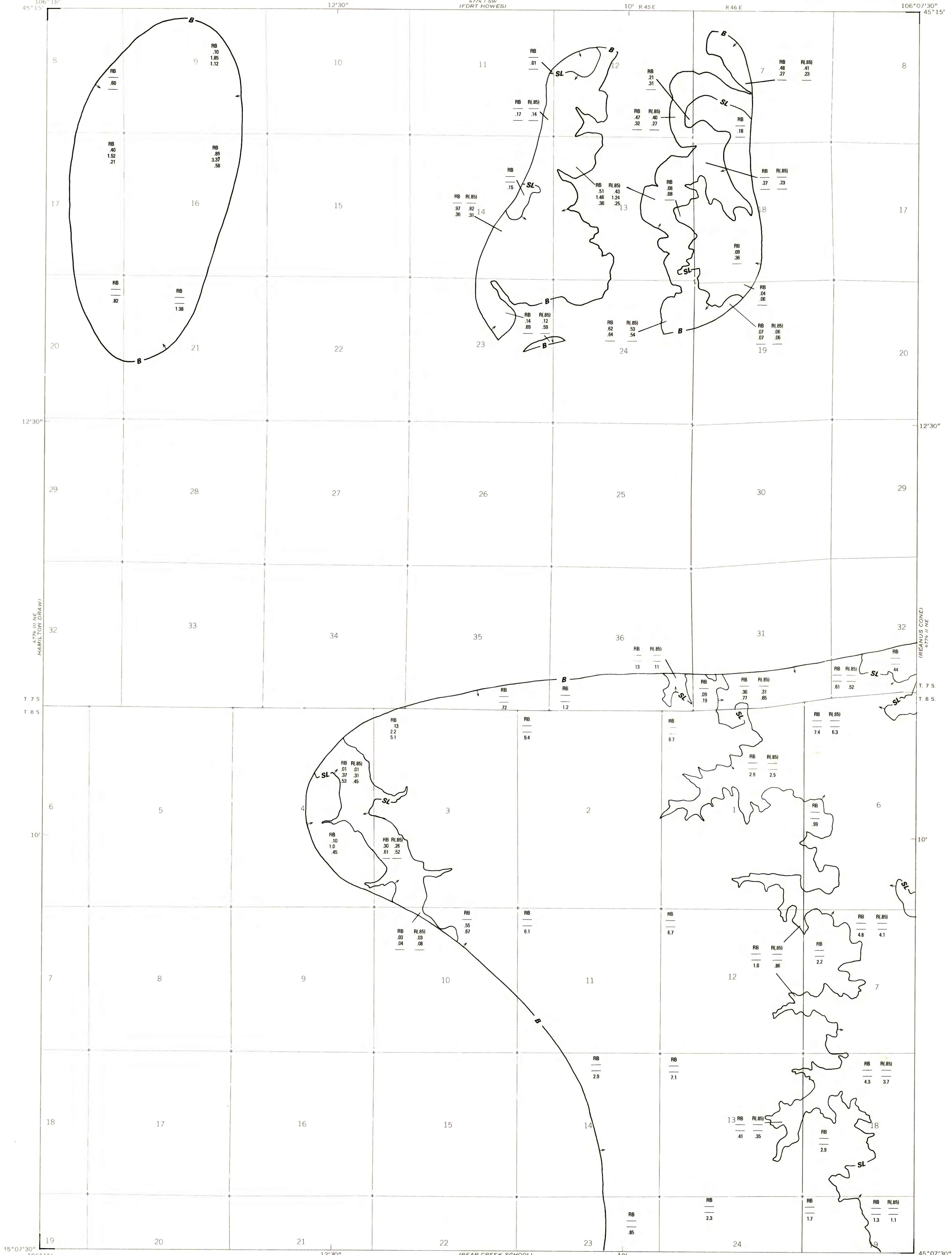
RB (Measured resources)  
RB (Indicated resources)  
RB (Inferred resources)

IDENTIFIED NON-STRIPPABLE COAL  
RESOURCES--Showing totals  
for Reserve Base (RB), in  
millions of short tons, for  
each section or part(s) of  
section of Federal coal land  
outside the stripping-limit  
line. Dash indicates no  
resources in that category.  
Rounded to two significant  
figures.

Recovery factors have not been  
established for underground  
development of coal in this  
quadrangle. Therefore,  
Reserves (R) were not calcu-  
lated for the coal bed in  
areas outside the stripping-  
limit line where the over-  
burden thickness exceeds  
200 feet (61 m).

To convert short tons to metric  
tons, multiply by 0.907.

To convert miles to kilometers,  
multiply miles by 1.6.



COAL RESOURCE OCCURRENCE AND COAL DEVELOPMENT POTENTIAL MAPS OF THE  
OTTER QUADRANGLE, POWDER RIVER COUNTY, MONTANA

BY

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PLATE 33  
IDENTIFIED RESOURCES OF  
THE OTTER COAL BED